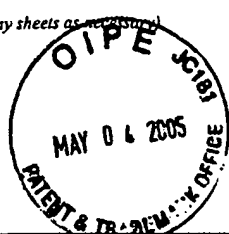


Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as required)</i>		Application Number	09/805,500
		Filing Date	03/13/2001
		First Named Inventor	Arun Ayyagari
		Art Unit	2662
		Examiner Name	Cho, Hong Sol
Sheet 1 of 8	Attorney Docket Number		164136.01



U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
Hc	A	US-6,807,165	10-19-2004	Belcea	
Hc	B	US-2003/0203740-A1	10-30-2003	Bahl, et al.	
Hc	C	US-2004/0179469-A1	09-16-2004	Attar, et al.	
Hc	D	US-2004/0181569-A1	09-16-2004	Attar, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
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						<input type="checkbox"/>

Examiner Signature	<i>Hong Sol Cho</i>	Date Considered	6/9/05
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete if Known</i>			
				Application Number		09/805,500	
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				Art Unit		2662	
				Examiner Name		Cho, Hong Sol	
Sheet	2	of	8	Attorney Docket Number		164136.01	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Hc	1-1	BREWER, E. A., et al., "A Network Architecture for Heterogeneous Mobile Computing", <i>IEEE Personal Communications</i> , IEEE Communications Society, US, vol. 5, No. 5, 1 October 1998, pages 8-24	<input type="checkbox"/>
Hc	1-2	MOULY, M., et al., "The GSM System for Mobile Communications Passage", <i>GSM System for Mobile Communications</i> , 1992, pages 446-459	<input type="checkbox"/>
Hc	1-3	PERKINS, C. E., "Mobile-AP, Ad-Hoc Networking, and Nomadicity", <i>Proceedings of the 20th Annual International Computer Software and Applications Conference (COMPSAC)</i> . Seoul, Aug. 21-23, 1996. <i>Proceedings of the Annual International Computer Software and Applications Conference (COMPSAC)</i> , Los Alamitos, IEEE Comp., Vol. CONF. 20, 21 August 1996, pages 472-476.	<input type="checkbox"/>
Hc	1-4	ADACHI, T., et al., "A Handoff Examination Of A Hybrid System Using Cellular And Ad-Hoc Modes", <i>IEICE Transactions on Communications</i> , Institute of Electronics Information and Comm. Eng. Tokyo, Japan, Vol. E83-B, No. 11, November 2000, pages 2494-2500.	<input type="checkbox"/>
Hc	1-5	BRECHER, et al., "Broad-band Wireless Access and Future Communications Networks", <i>Proceedings of the IEEE</i> , Vol. 89, No. 1, January 2001	<input type="checkbox"/>

Examiner Signature	<i>Hong Sol Cho</i>	Date Considered	6/9/05
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Hc	1-6	PAHLAVAN, K., et al., "Handoff in Hybrid Mobile Data Networks", <i>IEEE Personal Communications</i> , IEEE Communications Society, US, Vol. 7, No. 2, April 2000, pages 34-47	<input type="checkbox"/>
Hc	2-1	Atheros Communications, AR5001X Combo WLAN Solution Brochure, retrieved from www.atheros.com pp. 1-2	<input type="checkbox"/>
Hc	2-2	NOBEL, CARMEL, "For WLAN, It's 802.11bm" Eweek retrieved from www.eweek.com/print_article/0.3668.a=18648.00.asp (November 19, 2001) pp. 1-2	<input type="checkbox"/>
Hc	2-3	NANDAGOPAL, T., et al., "A Unified Architecture for the Design and Evaluation of Wireless Fair Queuing Algorithms", ACM MobiCom 1999, in proceedings of the <i>Fifth Annual ACM/IEEE International Conference on Mobile Computing and Networking</i> (August 1999) pp. 132-142	<input type="checkbox"/>
Hc	2-4	KESHAV, S., "On the Efficient Implementation of Fair Queuing" <i>Internetworking Research and Experience</i> , Vol. 2, No. 3, 157-173 (1991)	<input type="checkbox"/>

Examiner Signature	<i>Hong Sol Cho</i>	Date Considered	6/9/05
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				First Named Inventor		Arun Ayyagari
				Art Unit		2662
				Examiner Name		Cho, Hong Sol
Sheet	4	of	8	Attorney Docket Number		164136.01

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Hc	2-5	BHARGHAVAN, V., et al., "Fair Queuing in Wireless Networks: Issues and Approaches", <i>IEEE Personal Communications Magazine</i> , pp. 44-53 (February 1999)	<input type="checkbox"/>
Hc	2-6	PAREKH, A.K., et al., "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Networks: The Single-Node Case", <i>IEEE/ACM Transactions on Networking</i> , Vol. 1, No. 3, pp. 344-357 (June 1994)	<input type="checkbox"/>
Hc	2-7	PAREKH, A.K., et al., "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Networks: The Multiple Node Case", <i>IEEE/ACM Transactions on Networking</i> , Vol. 2, No. 2, pp. 137-150 (March 1994)	<input type="checkbox"/>
Hc	2-8	NG, T.S., "Packet Fair Queuing: Algorithms for Wireless Networks with Location-Dependent Errors", <i>Proceedings of IEEE INFOCOM '98, The Conference on Computer Communications Vo. 3, Seventh Annual Joint Conference of the IEEE Computer and Communications Societies</i> , pp. 1103-1111 (March 1998)	<input type="checkbox"/>
Hc	2-9	LETTIERI, et al., "Advances in Wireless Terminals", <i>IEEE Personal Communications</i> , Vol. 6, No. 1, (February 1999), pp. 6-19	<input type="checkbox"/>

Examiner Signature	<i>Hong Sol Cho</i>	Date Considered	6/9/05
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				First Named Inventor	Arun Ayyagari
				Art Unit	2662
				Examiner Name	Cho, Hong Sol
Sheet	5	of	8	Attorney Docket Number	164136.01

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HC	2-10	YUNG-HSIANG LU, et al., "Requester-Aware Power Reduction", <i>IEEE</i> ; 20 September 2000 (2000-09-02), pp. 18-23	<input type="checkbox"/>
HC	2-11	BENINI, et al., "System-level Dynamic Power Management", <i>Low Power Design</i> , 1999; <i>Proceedings. IEEE Alessandro Volta Memorial Workshop on Como, Italy 4-5 March 1999</i> , Los Alamitos, CA, USA, <i>IEEE Comput. Soc</i> , US, 4 March 1999 (1999-03-04), pp. 23-31	<input type="checkbox"/>
HC	3-1	LIU, JUN, et al., "Using Loss Pairs to Discover Network Properties", <i>ACM SIGCOM Internet Measurement Workshop</i> , 2001, 12 pages	<input type="checkbox"/>
HC	3-2	ZHANG, YIN, et al., "On the Constancy of Internet Path Properties", <i>SIGCOM Internet Measurement Workshop</i> , 2001, 15 pages	<input type="checkbox"/>
HC	3-3	LAI, KEVIN, et al., "Measuring Link Bandwidths Using A Deterministic Model of Packet Delay", in <i>Proceedings of ACM SIGCOM 2000</i> , 12 pages	<input type="checkbox"/>

Examiner Signature	<i>Hong Sol Cho</i>	Date Considered	6/9/05
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				Art Unit	2662	
				Examiner Name	Cho, Hong Sol	
Sheet	6	of	8	Attorney Docket Number		164136.01

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Hc	3-4	BALAKRISHNAN, HARI, et al., "Analyzing Stability in Wide-Area Network Performance", <i>In Proceedings of CAN SIGMETRICS Conference on Measurement & Modeling of Computer Systems</i> , Seattle, WA, June 1997, 11 pages		<input type="checkbox"/>
Hc	3-5	YAVATKAR, R., et al., "SBM (Subnet Bandwidth Manager): A Protocol for RSVP-based Admission Control Over IEEE 802-style Networks", <i>IETF RFC 2814</i> , retrieved from http://www.faws.org/rfcs/rfc2814.html on May 19, 2002		<input type="checkbox"/>
Hc	3-6	BRESLAU, LEE, et al., "Endpoint Admission Control: Architectural Issues and Performance", <i>In Proceedings of ACM SIGCOM 2000</i> , 66. 57-69		<input type="checkbox"/>
Hc	3-7	CHAISSERINI, CARLA F., "Combining Paging with Dynamic Power Management", in <i>IEEE INFOCOM 2001</i> , pp. 996-1004		<input type="checkbox"/>
Hc	3-8	SHIH, EUGENE, et al., "Wake on Wireless: An Event Driven Energy Saving Strategy for Battery Operated Devices", <i>MOBICOM '02</i> , September 23-26, 2002, pp. 1-12		<input type="checkbox"/>

Examiner Signature	<i>Hong Sol Cho</i>	Date Considered	6/8/05
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				Application Number	09/805,500
				Filing Date	03/13/2001
				First Named Inventor	Arun Ayyagari
				Art Unit	2662
				Examiner Name	Cho, Hong Sol
Sheet	7	of	8	Attorney Docket Number	164136.01

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Hc	4-1	Riku METTALA et al., <u>Bluetooth Protocol Architecture</u> (White Paper), v1.0, Nokia Mobile Phones, Sept. 29, 1999	<input type="checkbox"/>
Hc	4-2	Brent MILLER et al., <u>Mapping Salutation Architecture APIs to Bluetooth Service Discovery Layer</u> (White Paper), v. 1.0, IBM Corporation, July 1, 1999	<input type="checkbox"/>
Hc	4-3	IEEE Standard, 802.11, <u>Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications</u> , 1 st Ed. 1999, and Supplements 802.11a- 1999 and 802.11b- 1999.	<input type="checkbox"/>
Hc	4-4	C. RIGNEY et al., RFC 2865, "Remote Authentication Dial in User Service (Radius)", The Internet Society, June 2000	<input type="checkbox"/>
Hc	4-5	B. ABODA and D. SIMON, RFC 2716, "PPP EAP TLS Authentication Protocol", The Internet Society, Oct. 1999	<input type="checkbox"/>

Examiner Signature	<i>[Signature]</i>	Date Considered	6/9/05
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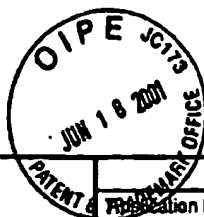
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>			
				Application Number		09/805,500	
				Filing Date		03/13/2001	
				First Named Inventor		Arun Ayyagari	
				Art Unit		2662	
				Examiner Name		Cho, Hong Sol	
Sheet	8	of	8	Attorney Docket Number		164136.01	

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Hc	4-6	L. BLUNK and J. VOLLBRECHT, RFC 2284, "PPP Extensible Authentication Protocol (EAP)", The Internet Society, March 1998	<input type="checkbox"/>
Hc	4-7	IEEE 802.11 <u>Security White paper</u> , v0.1, Windows Network Infrastructure team, Microsoft Corporation, March 15, 2000	<input type="checkbox"/>
Hc	4-8	T. MULLER, <u>Bluetooth Security Architecture</u> (White Paper), v.1.0, July 15, 1999	<input type="checkbox"/>
Hc	4-9	IEEE 802.1X <u>Supported Scenarios</u> , Windows Network Infrastructure team, Microsoft Corporation, v0.1, April 7, 2000	<input type="checkbox"/>
Hc	5-1	GUO et al., "Low power distributed MAC for ad hoc sensor radio networks," Proceedings of IEEE Global Telecommunications Conference (GLOBECOM '01), Volume 5, November 25-29, 2001	<input type="checkbox"/>
Hc	5-2	INTEL., "Sample Installation Scenarios," Intel Wireless Gateway, pages 1-3, October 9, 2001	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet	2	of	2
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Registration Number	09/805.500
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Filing Date	March 13, 2001
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First Named Inventor	AYYAGARI
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Group Art Unit	2152
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Examiner Name _____

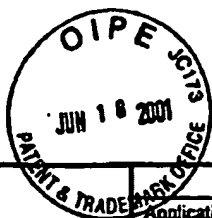
Attorney Docket Number	207199
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Examiner Signature		Date Considered	7/26/04
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- * A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Sheet	1	of	2	Application Number	09/805,500
				Filing Date	March 13, 2001
				First Named Inventor	AYYAGARI
				Group Art Unit	2152
				Examiner Name	
				Attorney Docket Number	207199

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date if Appropriate
		Application or Patent Number	Kind Code			

FOREIGN PATENT DOCUMENTS

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		Office	Application or Patent Number	Kind Code			Yes	No**


OTHER - NON PATENT LITERATURE DOCUMENTS

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			Yes	No**
	A-A	<u>Specification of the Bluetooth System, v.1.0B, Dec. 1, 1999.</u>		
	A B	<u>Riku METTALA et al., Bluetooth Protocol Architecture (White Paper), v1.0, Nokia Mobile Phones, Sept. 29, 1999.</u>		
	A C	<u>Brent MILLER et al., Mapping Salutation Architecture APIs to Bluetooth Service Discovery Layer (White Paper), v. 1.0, IBM Corporation, July 1, 1999.</u>		
	A D	<u>IEEE Standard, 802.11, Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, 1st Ed. 1999, and Supplements 802.11a-1999 and 802.11b-1999.</u>		
	A E	<u>Bob O'HARA and Al PETRICK, IEEE 802.11 Handbook A Designer's Companion, Dec. 1999.</u>		

Examiner Signature		Date Considered	9/18/01
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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet	1	of	1
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Application Number	09/805,500
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Filing Date	March 13, 2001
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First Named Inventor	Arun Ayyagari
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Group Art Unit	2152
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Examiner Name

Attorney Docket Number	207199
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Sheet	1	of	3
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Attorney Docket Number	207199
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